

**PRIM**

**Outstanding Management  
and  
Engineering in  
Transportation**

### ***Charles H. Purcell Management Award***

The Charles H. Purcell Award is given annually to recognize valued contributions by Caltrans engineering managers to the field of transportation engineering and California's transportation program management.

Charles H. Purcell served as the California State Highway Engineer from 1928 to 1943 and Director of the California Department of Public Works until 1951. Mr. Purcell established California's extraordinary leadership in engineering and the integrity of what is now Caltrans. He guided construction of the San Francisco Bay Bridge and California's first freeway and directed the effort to lay out the basic plan for the California Freeway and Expressway System. Mr. Purcell was a leader in the engineering field.

### ***James E. Roberts Structure Engineering Award***

The James E. Roberts Award is given annually to recognize outstanding contributions by Caltrans registered engineers to the field of structure related to transportation.

James E. Roberts served as a structure engineer and manager for over half a century including 15 years as California's State Bridge Engineer. Jim spearheaded Caltrans' \$4.5 billion seismic retrofit program and oversaw over \$50 million in seismic research projects to enhance the knowledge of how bridges can be made safer during earthquakes. He was named to the National Academy on Engineering in 1996, the only state employed engineer in the United States to be so honored. After his retirement in 2001 as a Chief Deputy Director, Mr. Roberts has continued to be actively involved in improving the field of structures engineering.

### ***Karl Moskowitz Engineering Award***

The Karl Moskowitz Award is given annually to recognize outstanding contributions by Caltrans registered engineers to the field of transportation engineering.

Karl Moskowitz served as a traffic engineer for the State Department of Transportation for 27 years. Much of his work in freeway design and traffic flow appeared at the outset of the Interstate Program and was used extensively by planners and engineers nationwide. Results of his research work, which became national standards, are median openings and innovative design of freeway information signs and freeway ramps. He also conceived the idea of a computer-controlled lane metering system. He was awarded the Dr. L. I. Hewes Award in 1964 for outstanding contributions to western highway development. Karl Moskowitz was internationally known in the field of Traffic Engineering.



# Past Winners

## Purcell Award

**1997** Dick Weaver - As a Deputy Director for Project Development and Chief Engineer, Mr. Weaver's responsibilities encompassed administration of a multi-billion dollar budget, departmental direction, internal operations, and corporate policy.

**2000** Gary Gallegos - As District Director of District 11, Gary has been key in the development of the concept and funding for the major transportation improvement at the international border with Mexico in response to the passage of the North American Free Trade Agreement (NAFTA).

**2002** Brent Felker provides the strong leadership and management style required to promote innovation and thinking "outside the box" to encourage and promote the accelerations of project delivery. As Caltrans Chief Engineer, Brent's management has moved the State Highway Account from the position of having \$2 billion "in the bank" to having \$7 billion of work currently under construction on California's highway system by the end of 2002.

## Roberts Award

**2002** Richard Shepard is an internationally recognized advocate and leader in sound bridge management procedures. His efforts have brought worldwide recognition to Caltrans and provided outstanding value to the California taxpayers in the management of the California Bridge Inventory. He lends his expertise and research on Bridge Management systems as a speaker at international seminars and conferences around the world.

## Moskowitz Award

**1996** Les Kubel is recognized nationally for the development, design and implementation of the Model 170 Traffic Controller, now used throughout the United States and Canada. He served on national technical committees and in the private sector.

**1999** Albert Yee has devoted his career to improving the planning of highway projects and advancing the role of traffic engineers in the transportation decision-making process.

**2002** Wes Lum has worked tirelessly to promote California's perspective nationally. He is a dynamic and nationally recognized voice for the Department. His active role with the Transportation Research Board pushed the Department's vision of "increasing mobility across California" into the national programs of the National Academy of Science.

## ***Eligibility***

Nominees for the Charles H. Purcell Management Award must be Supervising Engineer level or above. Nominees for the James E. Roberts Structure Engineering Award must be Principle Engineer or below. Nominees for the Karl Moskowitz Engineering Award must be Supervising Engineer level or below. Nominees for all categories must be a registered engineer in the State of California and a Caltrans employee at the time of nomination. Former employees on contract or working as retired annuitants are not eligible.

## ***General Criteria***

Nominees must have made a major contribution to transportation engineering. These contributions may represent either a lifetime of engineering excellence or a single extraordinary achievement.

## ***Deadline***

Entries must be received by close of business on the second Friday in March of each year.

## ***Judging and Award Presentation***

A five-member jury panel of Civil Engineers will be selected by the California Transportation Foundation (CTF). Awards will be presented at the annual CTF Awards banquet in May of each year.

## ***Application Guidelines***

Applications should include:

- ◆ A completed entry form
- ◆ A typewritten statement, in 500 words or less, describing the outstanding engineering achievement or engineering contribution made by the nominee to the transportation program in California.
- ◆ A typewritten resume, limited to two pages, highlighting the nominee's background.
- ◆ Seven copies of the above mailed to:

Purcell/Roberts/Moskowitz  
Janis DeVerter  
1120 N Street  
Room 1200, MS 49  
Sacramento, CA 95814

**Charles H. Purcell**

☐

**James E. Roberts**

☐

**Karl Moskowitz**

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Name of Nominee \_\_\_\_\_

Title \_\_\_\_\_

Work Address \_\_\_\_\_

District/Division \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_ Telephone Number \_\_\_\_\_

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Name of Person making Nomination \_\_\_\_\_

Title \_\_\_\_\_

Work Address \_\_\_\_\_

District/Division \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_ Telephone Number \_\_\_\_\_